

NAME _____

DATE _____

**Decimals, Fractions & Story Problems** page 1 of 2

- 1 Write the place value of the underlined digit in each number. The place values are spelled correctly for you here:

hundreds

tens

ones

tenths

hundredths

ex 2.0 <u>3</u> hundredths	a 3. <u>1</u> 7
b 12 <u>0</u> .4	c <u>5</u> 06.92
d 54.2 <u>9</u>	e 32. <u>7</u>

- 2 Write each decimal number.

ex Twenty-three and two-tenths: 23.2

ex One hundred thirty and five-hundredths: 130.05

a Six and seven-hundredths: _____

b Two-hundred sixty-five and eight-tenths: _____

- 3 Write each fraction or mixed number as a decimal number.

ex $5\frac{3}{10}$ 5.3	ex $12\frac{4}{100}$ 12.04	ex $3\frac{17}{100}$ 3.17
a $\frac{7}{10}$	b $3\frac{5}{100}$	c $\frac{4}{100}$
d $4\frac{38}{100}$	e $1\frac{9}{100}$	f $1\frac{9}{10}$

- 4 Use a greater than (>), less than (<), or equal sign to show the relationship between the decimal numbers below.

ex 1.09 < 1.9	a 1.12 <input type="text"/> 1.2	b 3.5 <input type="text"/> 3.48
c 23.81 <input type="text"/> 23.85	d 4.50 <input type="text"/> 4.5	e 3.06 <input type="text"/> 3.65

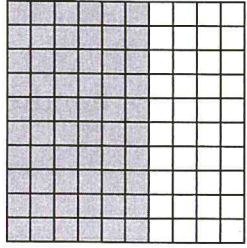
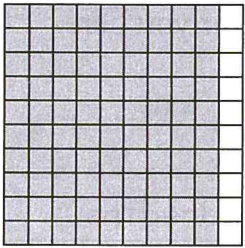
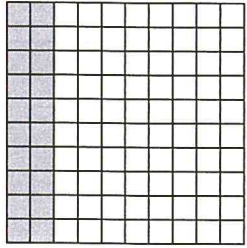
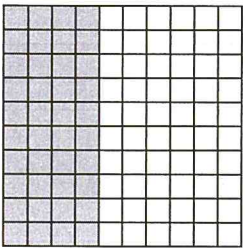
(continued on next page)

NAME _____

DATE _____

Decimals, Fractions & Story Problems page 2 of 2

- 5** Write two fractions to show what part of each mat has been shaded in—one with denominator 10 and an equivalent fraction with denominator 100.

<p>ex</p>  $\frac{6}{10} = \frac{60}{100}$	<p>a</p>  $\frac{\quad}{100} = \frac{\quad}{100}$
<p>b</p>  $\frac{\quad}{10} = \frac{\quad}{100}$	<p>c</p>  $\frac{\quad}{100} = \frac{\quad}{100}$

- 6** Last Friday, Ray went home with his cousin Jewel after school. They took the city bus to Jewel's house. It costs \$1.65 to ride the bus. Ray had 5 quarters, a dime, and 3 nickels. How much more money did he need to ride the bus? Show all your work.

a How much did it cost Ray and Jewel to ride the bus in all? Show all your work.

- 7** Ray's school is 1.7 miles from his house. He walks to and from school every day. How many miles does he walk each day? Show all your work.

a **CHALLENGE** How many miles does he walk in a 5-day school week? Show all your work.